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10 January 2001

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The Assistant Commissioner of Patents  
Washington, D.C. 20231

Attorney Docket No.: P56289

Sir:

Submitted herewith is the following patent application:

**Inventor: Jong-Seo CHOI, Hyek-Bok LEE, Kyu-Nam JOO, Yoon-Chang KIM**

**Title: CATHODE MATERIAL FOR ELECTRON BEAM APPARATUS**

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 3 sheets, Figures 1 through 3

Claim of priority under 35 U.S.C. §119: **YES**

REPUBLIC OF KOREA Application No. 963/2000 filed in Korea on 10 January 2000

Fee (see formula below): **CHECKS ARE ENCLOSED**

Basic Fee \$355/710.....\$710.00

**Additional Fees:**

Total number of claims in excess of 20: 0 times \$9/18.....\$0.00

Number of independent claims in excess of 3: 0 times \$40/80.....\$0.00

Multiple dependent claims \$135/270.....\$0.00

An Assignment is likewise enclosed: Recording Fee \$40.....\$40.00

Filing Non-English specification.....\$0.00

**TOTAL FEES FOR THE ABOVE APPLICATION.....\$750.00**

**Inventor: Jong-Seo CHOI, Hyek-Bok LEE, Kyu-Nam JOO, Yoon-Chang KIM**

**Title: CATHODE MATERIAL FOR ELECTRON BEAM APPARATUS**


Should the enclosed check become lost or detached from the file, the Commissioner is authorized to charge for any additional charges incurred, or credit any excess payment to the Deposit Account No. 02-4943. Kindly notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all corresponding to :

Robert E. Bushnell  
1522 K Street, N.W., Suite 300  
Washington, D.C. 20005-1202

Respectfully submitted,

  
Robert E. Bushnell  
(Registration No. 27,774)

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Folio: P56289  
Date: 1/10/01  
I.D.: REB/nb




# FEE TRANSMITTAL

Patent fees are subject to annual revision

01/10/01

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

PTO/SB/17 (08-00)  
Approved for use through 9/30/2000. OMB 0651-0032  
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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Bushnell, Esq.</td> <td colspan="2">Reg. Number</td> <td colspan="2">27,774</td> </tr> <tr> <td colspan="2">Signature</td> <td colspan="2"></td> <td colspan="2">Date</td> <td colspan="2">10 January 2001</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">Deposit Account User ID</td> <td colspan="2"></td> </tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	<input type="checkbox"/>	Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.					<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27					<p><b>2. Payment Enclosed:</b> (CHECK #37998 &amp; #37999)</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>						FEE CALCULATION								1. 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Bushnell, Esq.		Reg. Number		27,774		Signature				Date		10 January 2001						Deposit Account User ID			
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unavoidable	\$	141	1,240	241	620	Petition to revive - unintentional	\$	142	1,240	242	620	Utility issue fee (or reissue)	\$	143	440	243	220	Design issue fee	\$	144	600	244	300	Plant issue fee	\$	122	130	122	130	Petitions to the Commissioner	\$	123	50	123	50	Petitions related to provisional applications	\$	126	240	126	240	Submission of Information Disclosure Statement	\$	581	40	581	40	Recording each patent assignment per property (Times number of properties)	\$ 40.00	146	710	246	355	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$	149	710	249	355	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$	Other Fee (specify) _____					\$	Other Fee (specify) _____					\$	** Reduced by Basic Filing Fee Paid						<b>SUBTOTAL (3)</b>					<b>\$40.00</b>																																																																																																																																																																														
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WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.